

EN

User manual

Refrigerator

# USER MANUAL

ZRX71100WA

**ZANUSSI**

# Contents

Safety instructions	2	Care and cleaning	6
Operation	4	What to do if...	6
First use	4	Technical data	8
Daily use	5	Installation	8
Helpful hints and tips	5	Environmental concerns	11

Subject to change without notice.



## Safety instructions

In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.

For the safety of life and property keep the precautions of these user's instructions as the manufacturer is not responsible for damages caused by omission.

### Children and vulnerable people safety

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.  
Children should be supervised to ensure that they do not play with the appliance.
- Keep all packaging well away from children. There is risk of suffocation.
- If you are discarding the appliance pull the plug out of the socket, cut the connection cable (as close to the appliance as you can) and remove the door to prevent playing children to suffer electric shock or to close themselves into it.
- If this appliance featuring magnetic door seals is to replace an older appliance having a spring lock (latch) on the door or lid, be

sure to make that spring lock unusable before you discard the old appliance. This will prevent it from becoming a death trap for a child.

### General safety



#### Warning!


Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

- The appliance is intended for keeping food-stuff and/or beverages in a normal household and similar applications such as:
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses and by clients in hotels, motels and other residential type environments;
  - bed and breakfast type environments;
  - catering and similar non-retail applications.
- Do not use a mechanical device or any artificial means to speed up the thawing process.
- Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances, unless they are approved for this purpose by the manufacturer.
- Do not damage the refrigerant circuit.
- The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.  
During transportation and installation of the appliance, be certain that none of the com-

ponents of the refrigerant circuit become damaged.

If the refrigerant circuit should become damaged:

- avoid open flames and sources of ignition
  - thoroughly ventilate the room in which the appliance is situated
- It is dangerous to alter the specifications or modify this product in any way. Any damage to the cord may cause a short-circuit, fire and/or electric shock.

 **Warning!** Any electrical component (power cord, plug, compressor) must be replaced by a certified service agent or qualified service personnel to avoid hazard.

1. Power cord must not be lengthened.
  2. Make sure that the power plug is not squashed or damaged by the back of the appliance. A squashed or damaged power plug may overheat and cause a fire.
  3. Make sure that you can come to the mains plug of the appliance.
  4. Do not pull the mains cable.
  5. If the power plug socket is loose, do not insert the power plug. There is a risk of electric shock or fire.
  6. You must not operate the appliance without the lamp cover (if foreseen) of interior lighting.
- This appliance is heavy. Care should be taken when moving it.
  - Do not remove nor touch items from the freezer compartment if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
  - Avoid prolonged exposure of the appliance to direct sunlight.
  - Bulb lamps (if foreseen) used in this appliance are special purpose lamps selected for household appliances use only. They are not suitable for household room illumination.

### Daily Use

- Do not put hot pot on the plastic parts in the appliance.

- Do not store flammable gas and liquid in the appliance, because they may explode.
- Appliance's manufacturers storage recommendations should be strictly adhered to. Refer to relevant instructions.
- Do not place carbonated or fizzy drinks in the ice-maker compartment as it creates pressure on the container, which may cause it to explode, resulting in damage to the appliance.
- Ice lollies can cause frost burns if consumed straight from the appliance.

### Care and cleaning

- Before maintenance, switch off the appliance and disconnect the mains plug from the mains socket.
- Do not clean the appliance with metal objects.
- Do not use sharp objects to remove frost from the appliance. Use a plastic scraper.
- Never use a hair drier or other heating appliances to speed up defrosting. Excessive heat may damage the plastic interior, and humidity could enter the electric system making it live.

### Installation

**Important!** For electrical connection carefully follow the instructions given in specific paragraphs.

- Unpack the appliance and check if there are damages on it. Do not connect the appliance if it is damaged. Report possible damages immediately to the place you bought it. In that case retain packing.
- It is advisable to wait at least four hours before connecting the appliance to allow the oil to flow back in the compressor.
- Adequate air circulation should be around the appliance, lacking this leads to overheating. To achieve sufficient ventilation follow the instructions relevant to installation.
- Wherever possible the back of the product should be against a wall to avoid touching or catching warm parts (compressor, condenser) to prevent possible burn.

- The appliance must not be located close to radiators or cookers.
- Make sure that the mains plug is accessible after the installation of the appliance.
- Connect to potable water supply only (If a water connection is foreseen).

### Service

- Any electrical work required to do the servicing of the appliance should be carried out by a qualified electrician or competent person.
- This product must be serviced by an authorized Service Centre, and only genuine spare parts must be used.

## Operation

### Switching on

Insert the plug into the wall socket.

Turn the Temperature regulator clockwise to a medium setting.

The Temperature Regulator is situated on the side of the cabinet.

### Switching off


To turn off the appliance, turn the Temperature regulator to the "O" position.

### Temperature regulation

The temperature is automatically regulated.

To operate the appliance, proceed as follows:


- turn the Temperature regulator toward lower settings to obtain the minimum coldness.
- turn the Temperature regulator toward higher settings to obtain the maximum coldness.

 In the ice-making compartment -2 °C or lower temperature can be reached if the Temperature regulator is set according to following table:

Ambient temperature	Temperature regulator setting
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## Environment Protection



This appliance does not contain gasses which could damage the ozone layer, in either its refrigerant circuit or insulation materials. The appliance shall not be discarded together with the urban refuse and rubbish. The insulation foam contains flammable gases: the appliance shall be disposed according to the applicable regulations to obtain from your local authorities. Avoid damaging the cooling unit, especially at the rear near the heat exchanger. The materials used on this appliance marked by the symbol  are recyclable.

+10... +16 °C	"1"
+16... +25 °C	"1-2"
+25... +32 °C	"2-3"
+32... +38 °C	"3-4"

However, the exact setting should be chosen keeping in mind that the temperature inside the appliance depends on:

- room temperature
- how often the door is opened
- the quantity of food stored
- the location of the appliance.

**Important!** If the ambient temperature is high or the appliance is fully loaded, and the appliance is set to the lowest temperatures, it may run continuously causing frost to form on the rear wall. In this case the dial must be set to a higher temperature to allow automatic defrosting and therefore reduced energy consumption.

## First use

### Cleaning the interior

Before using the appliance for the first time, wash the interior and all internal accessories

with lukewarm water and some neutral soap so as to remove the typical smell of a brand-new product, then dry thoroughly.

**Important!** Do not use detergents or abrasive powders, as these will damage the finish.

## Daily use

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### Using of the ice-maker compartment

This appliance is equipped with an ice-maker compartment.

In the ice-maker compartment can be reached -2 °C or lower temperature depending on setting of thermostat control.

This compartment is suitable for making and storing ice-cubes. (You can purchase the needed ice-cube tray from a specialist shop.)

**Important!** Do not use metallic instruments to remove the ice-cube tray from the freezer.

## Helpful hints and tips

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### Normal Operating Sounds

- You may hear a faint gurgling and a bubbling sound when the refrigerant is pumped through the coils or tubing. This is correct.
- When the compressor is on, the refrigerant is being pumped around and you will hear a whirring sound and a pulsating noise from the compressor. This is correct.
- The thermic dilatation might cause a sudden cracking noise. It is natural, not dangerous physical phenomenon. This is correct.
- When the compressor switches on or switches off, you will hear a faint "click" of the temperature regulator. This is correct.

### Hints for energy saving

- Do not open the door frequently or leave it open longer than absolutely necessary.
- If the ambient temperature is high and the Temperature Regulator is set to low temperature and the appliance is fully loaded, the compressor may run continuously, causing frost or ice on the evaporator. If this happens, set the Temperature Regulator toward warmer settings to allow automatic defrosting and so a saving in electricity consumption.

### Hints for fresh food refrigeration

To obtain the best performance:

- do not store warm food or evaporating liquids in the refrigerator
- do cover or wrap the food, particularly if it has a strong flavour

- position food so that air can circulate freely around it

### Hints for refrigeration

Useful hints:

Meat (all types) : wrap in polythene bags and place on the glass shelf above the vegetable drawer.

For safety, store in this way only one or two days at the most.

Cooked foods, cold dishes, etc.: these should be covered and may be placed on any shelf.

Fruit and vegetables: these should be thoroughly cleaned and placed in the special drawer(s) provided.


Butter and cheese: these should be placed in special airtight containers or wrapped in aluminium foil or polythene bags to exclude as much air as possible.


Milk bottles: these should have a cap and should be stored in the bottle rack on the door. Bananas, potatoes, onions and garlic, if not packed, must not be kept in the refrigerator.

### Hints for ice-maker compartment

- Water ices, if consumed immediately after removal from the ice-maker compartment, can possibly cause the skin to be freeze burnt;
- Do not open the ice-maker compartment door too often and do not leave open longer than necessary.

## Care and cleaning

 **Caution!** Unplug the appliance before carrying out any maintenance operation.

 This appliance contains hydrocarbons in its cooling unit; maintenance and recharging must therefore only be carried out by authorized technicians.

### Periodic cleaning

The equipment has to be cleaned regularly:

- clean the inside and accessories with lukewarm water and some neutral soap.
- regularly check the door seals and wipe clean to ensure they are clean and free from debris.
- rinse and dry thoroughly.


**Important!** Do not pull, move or damage any pipes and/or cables inside the cabinet. Never use detergents, abrasive powders, highly perfumed cleaning products or wax polishes to clean the interior as this will damage the surface and leave a strong odour.

Clean the condenser (black grill) and the compressor at the back of the appliance with a brush. This operation will improve the performance of the appliance and save electricity consumption.

**Important!** Take care of not to damage the cooling system.

Many proprietary kitchen surface cleaners contain chemicals that can attack/damage the plastics used in this appliance. For this reason it is recommended that the outer casing of this appliance is only cleaned with warm water with a little washing-up liquid added. After cleaning, reconnect the equipment to the mains supply.


### Defrosting of the ice-maker compartment

 A certain amount of frost will always form around the ice-maker compartment.

**Important!** Defrost the ice-maker compartment when the frost layer reaches a thickness of about 3-5 mm.

To remove the frost, do these steps:

1. Turn the Temperature regulator to the "0" setting and disconnect the mains plug from the mains socket.
2. Empty the ice box.
3. Leave the door of the appliance and ice-maker compartment open.
4. Defrosting usually takes several hours. When finished, pour defrost water gathered out of the tray and wipe the surfaces dry.
5. Insert the plug into the wall socket and turn the thermostat control to a medium setting.

 **Warning!** Never use sharp metal tools to scrape off frost from the evaporator as you could damage it. Do not use a mechanical device or any artificial means to speed up the thawing process other than those recommended by the manufacturer.

### Periods of non-operation

When the appliance is not in use for long periods, take the following precautions:

1. disconnect the appliance from electricity supply
2. remove all food
3. defrost and clean the appliance and all accessories
4. leave the door/doors open to prevent unpleasant smells.

**Important!** If the cabinet will be kept on, ask somebody to check it once in a while to prevent the food inside from spoiling in case of a power failure.

## What to do if...



**Warning!** Before troubleshooting, disconnect the mains plug from the mains socket.

Only a qualified electrician or competent person must do the troubleshooting that is not in this manual.

**Important!** There are some sounds during normal use (compressor, refrigerant circulation).

**Important!** The appliance operates discontinuously, so the stopping of compressor does not mean being no current. That is why you must not touch the electrical parts of the appliance before breaking the circuit.

Problem	Possible cause	Solution
<b>The appliance is noisy</b>	The appliance is not supported properly	Check if the appliance stands stable (all the four feet should be on the floor)
<b>The appliance does not operate.</b>	The appliance is switched off.	Switch on the appliance.
	The mains plug is not connected to the mains socket correctly.	Connect the mains plug to the mains socket correctly.
	The appliance has no power. There is no voltage in the mains socket.	Connect a different electrical appliance to the mains socket. Contact a qualified electrician.
<b>The compressor operates continually.</b>	The temperature is not set correctly.	Set a higher temperature.
	The door is not closed correctly.	Refer to "Closing the door".
	The door has been opened too frequently.	Do not keep the door open longer than necessary.
	The product temperature is too high.	Let the product temperature decrease to room temperature before storage.
<b>Water flows on the rear plate of the refrigerator.</b>	The room temperature is too high.	Decrease the room temperature.
	During the automatic defrosting process, frost defrosts on the rear plate.	This is correct.
<b>The temperature in the appliance is too low.</b>	The temperature regulator is not set correctly.	Set a higher temperature.
<b>The temperature in the appliance is too high.</b>	The temperature regulator is not set correctly.	Set a lower temperature.
	The door is not closed correctly.	Refer to "Closing the door".
	The product temperature is too high.	Let the product temperature decrease to room temperature before storage.
	Many products are stored at the same time.	Store less products at the same time.
<b>The temperature in the refrigerator is too high.</b>	There is no cold air circulation in the appliance.	Make sure that there is cold air circulation in the appliance.

Problem	Possible cause	Solution
There is too much frost.	The door is not closed correctly.	Refer to "Closing the door".
	The temperature regulator is not set correctly.	Set a higher temperature.

Closing the door


- Clean the door gaskets.
  - If necessary, adjust the door. Refer to "Installation".
- If necessary, replace the defective door gaskets. Contact the Service Center.

Technical data

Dimension		
	Height	520 mm
	Width	525 mm
	Depth	587 mm
Voltage		230 V
Frequency		50 Hz

The technical information are situated in the rating plate on the internal left side of the appliance and in the energy label.

Installation

 **Caution!** Read the "Safety Information" carefully for your safety and correct operation of the appliance before installing the appliance.

Positioning

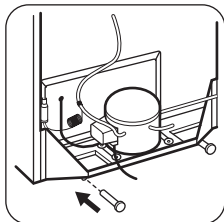
This appliance can be installed in a dry, well ventilated indoor (garage or cellar) also, but for optimum performance install this appliance at a location where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

Climate class	Ambient temperature
SN	+10°C to + 32°C
N	+16°C to + 32°C
ST	+16°C to + 38°C
T	+16°C to + 43°C

Rear spacers

In the bag with the documentation, there are two spacers which must be fitted as shown in the figure.

Using fine strokes of hammer put them in their place.



### Location

The appliance should be installed well away from sources of heat such as radiators, boilers, direct sunlight etc. Ensure that air can circulate freely around the back of the cabinet. To ensure best performance, if the appliance is positioned below an overhanging wall unit, the minimum distance between the top of the cabinet and the wall unit must be at least 100 mm .

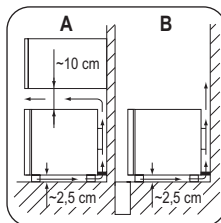
Ideally, however, the appliance should not be positioned below overhanging wall units. Accurate levelling is ensured by one or more adjustable feet at the base of the cabinet.

If the cabinet is placed in a corner and the side with the hinges facing the wall, the distance be-

tween the wall and the cabinet must be at least 10 mm to allow the door to open enough so that the shelves can be removed.



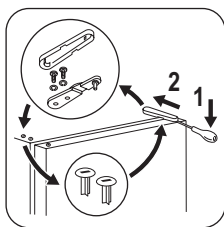
**Warning!** It must be possible to disconnect the appliance from the mains power supply; the plug must therefore be easily accessible after installation.



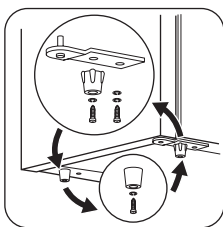
### Door reversibility

**Important!** To carry out the following operations, we suggest that this be made with another person that will keep a firm hold on the doors of the appliance during the operations.

To change the opening direction of the door, do these steps:



1. Remove the plug from the power socket.
2. Remove the top hinge cover.
3. Unscrew the 2 retaining screws, and remove the hinge from the appliance.
4. Take the door off.



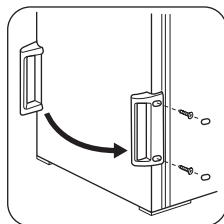
5. Remove the screw fixing the lower door hinge and the other screw fixing the lower door hinge and the foot. Then remove the door hinge and the foot as shown in the Figure.
6. Loosen the screw fixing the foot opposite the lower door hinge in order to remove the foot.

7. Fix the door hinge and the corresponding foot on the opposite side and then the other loosened foot at the former place of the door hinge as shown in the Figure.

8. **Please make sure to place the lower foot below the door hinge. The lower foot is recognizable by its 4 ribs on the outer surface.**

9. Fix the door onto the lower hinge pin.
10. To fit top door hinge, remove the plastic blanking plugs carefully, and refit them in the holes left by the hinge retaining screws.

11. Refit the top hinge using the 2 retaining screws, taking care that the edge of the door is parallel with side of the cabinet.
12. Replace the hinge cover.



13. Relocate the handle and the plastic plugs to the opposite side.
14. Level the appliance, wait for at least four hours and then connect it to the power socket.

Do a final check to make sure that:

- All screws are tightened.
- The door opens and closes correctly.

If the ambient temperature is cold (i.e. in Winter), the gasket may not fit perfectly to the cabinet. In that case, wait for the natural fitting of the gasket.

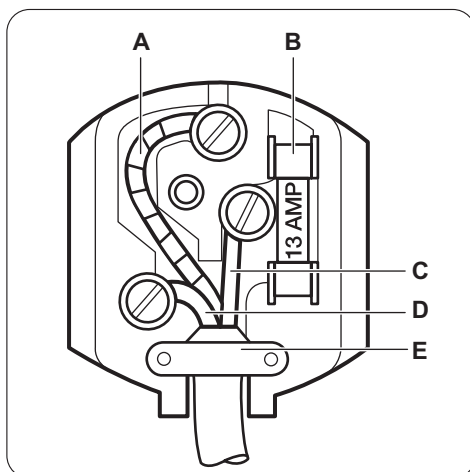
In case you do not want to carry out the above mentioned operations, contact the nearest After Sales Service Force. The After Sales Service specialist will carry out the reversibility of the doors at your cost.

## Electrical Connection

**Caution!** Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

**Warning!** This appliance must be earthed.


The manufacturer declines any liability should these safety measures not be observed.



**Important!** The wires in the mains lead are coloured in accordance with the following code:


<b>A</b> Green and Yellow:	Earth
<b>C</b> Brown:	Live
<b>D</b> Blue:	Neutral

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:


1. Connect the wire coloured green and yellow to the terminal marked either with the letter "E" or by the earth symbol  or coloured green and yellow.
2. Connect the wire coloured blue to the terminal either marked with the letter "N" or coloured black.

3. Connect the wire coloured brown to the terminal either marked with the "L" or coloured red.
4. Check that no cut, or stray strands of wire is present and the cord clamp **E** is secure over the outer sheath.
5. Make sure the electricity supply voltage is the same as that indicated on the appliance rating plate.
6. Switch on the appliance.

The appliance is supplied with a 13 amp plug fitted **B**. In the event of having to change the fuse in the plug supplied, a 13 amp ASTA approved (BS 1362) fuse must be used.

 **Warning!** A cut off plug inserted into a 13 amp socket is a serious safety (shock) hazard. Ensure that it is disposed of safely.

## Environmental concerns

The symbol  on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent

potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.



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